

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**February**

**2008**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**March 17, 2008**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

A dry weather pattern continued through much of February. Most of the Hydrologic Service Area (HSA) received below normal precipitation during February. At mid-month (15<sup>th</sup>-16<sup>th</sup>) a mixture of winter precipitation and rain occurred as a strong storm system approached a cold air mass over west central Texas. Precipitation amounts across portions of the Big Country and Heartland ranged from half of an inch to just over one inch. The remainder of the HSA received less than half an inch. Parts of the Northern Edwards Plateau and western Concho Valley did not receive measurable precipitation.

The average precipitation reported from coop observers in February was 0.40 of an inch. The highest monthly precipitation total of 1.03 of an inch was reported in Shackelford County. Coop observers in Shackelford and Throckmorton Counties received over 0.75 an inch of precipitation in February.

The San Angelo Regional Airport received 0.30 of an inch of precipitation during February, which was 0.88 of an inch below normal for the month. The monthly normal rainfall for San Angelo in February is 1.18 of an inch.

The Abilene Regional Airport received 0.77 of an inch of precipitation during February, which was 0.36 of an inch below normal for the month. The monthly normal rainfall for Abilene in February is 1.13 of an inch.

Junction received 0.20 of an inch of rain during February. The estimated average monthly rainfall in February is about 1.5 inches.

**Coop Observer Rainfall Totals for February, 2008:**

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	M		Merkel 12SW	0.85
Acton Ranch	0.05		Oak Creek Lake	M
Albany	1.03		Ozona	M
Anson	0.95		Ozona 22SE	0.11
Ballinger 2NW	0.19		Paint Rock	0.39
Brady	M		Putnam	0.54
Brownwood	0.41		Red Bluff Crossing	0.29
Burkett	0.56		Richland Springs	0.02
Coleman	0.31		Robert Lee	0.33
Concho Park	0.57		Roscoe	0.00
Eden	M		Rotan	0.29
Eldorado	0.23		San Angelo WFO	0.40
Eldorado 10W	M		San Saba 7NW	0.52
Eldorado 12N	M		Silver Valley	0.57
Fort Griffin	0.75		Sonora	0.13
Fort McKavett	0.21		Stamford	0.99
Glen Cove 2NE	0.35		Sterling City	0.06
Hamlin	0.69		Taylor Ranch	0.18
Haskell	0.65		Telegraph	M
Hords Creek	0.39		Throckmorton 7NE	0.95
Humble Pump	0.00		Water Valley	0.05
Junction 4SSW	0.24		Water Valley 11NE	0.10
Lawn	0.55		Winters	0.33
London 3N	0.24		Woodson	0.88
Mason	0.23		(M) <i>Missing data</i>	
Menard	0.22		(T) <i>Trace</i>	

**Reservoir Conditions (end of February, 2008)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	63,410	91
Lake Stamford	52,700	48,580	94
Hubbard Creek Lake	317,800	284,880	90
Hords Creek Lake	8,800	7,000	86
Lake Brownwood	131,428	120,780	92
E.V. Spence	488,760	71,830	14
O.C. Fisher	119,200	10,125	8
O.H. Ivie	554,340	369,900	67
Twin Buttes	177,800	83,570	47

**Hydro Products Issued**

FFA = 0

FFW = 0

FFS = 0

FLS = 0 (Urban/Small Stream Advisory)

RVS = 0

FLW = 0

ESF = 1 (Drought Statement)

PNS = 1 (Drought Statement)